

# Heat shock protein 81-2 (HSP81-2), Recombinant Protein

Cat *RP13705*

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## Species

*Oryza sativa* subsp. *japonica* (Rice)

## Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Heat shock protein 81-2 (HSP81-2), partial

## Product Gene Name

HSP81-2 recombinant protein

## Product Synonym Gene Name

HSP81-2

## Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

80,200 Da

## Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

## Protein Family

Heat shock protein

## NCBI Accession #

XP\_015611110.1

## NCBI GI #

1002295350

## NCBI GenBank Nucleotide #

XM\_015755624.1

## NCBI GeneID

4347402

## NCBI Official Full Name

heat shock protein 81-2

## NCBI Official Symbol

LOC4347402

## NCBI Official Synonym Symbols

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

# Heat shock protein 81-2 (HSP81-2), Recombinant Protein

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Hsp90; HSP81-2

## NCBI Protein Information

heat shock protein 81-2

## UniProt Gene Name

HSP81-2

## UniProt Synonym Gene Names

HSP90; HSP81-2

## UniProt Protein Name

Heat shock protein 81-2

## UniProt Synonym Protein Names

Heat shock protein 90

## UniProt Primary Accession #

Q69QQ6

## UniProt Secondary Accession #

Q0J0V1; Q76B83

## UniProt Related Accession #

Q69QQ6

## UniProt Comments

Molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. Undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function .

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